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# ABSTRACT OF THE DISCLOSURE

This invention has as its object to provide an image processing system and a control method for the system, a photographing system and a control method for the system, and a computer-readable memory, which can efficiently photograph without any increase in X-ray dose for a person to be examined. To achieve this object, an output mode input section inputs an output mode representing the output format of an observation area as a to-be-output area in an image to an output medium. An output medium size input section inputs the size of the effective image area of the output medium. The output determination section determines the output method of the observation area on the basis of the observation area and contents input by the input sections.